

Access DB# 33425

## SEARCH REQUEST FORM

Scientific and Technical Information Center

(141)

Requester's Full Name: Mehta, Bhavesh Examiner #: \_\_\_\_\_ Date: 1-18-00  
 Art Unit: 2621 Phone Number 308-5246 Serial Number: 09/443250  
 Mail Box and Bldg/Room Location: \_\_\_\_\_ Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

\*\*\*\*\*

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: \_\_\_\_\_

Inventors (please provide full names): \_\_\_\_\_

Earliest Priority Filing Date: \_\_\_\_\_

*\*For Sequence Searches Only\* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.*

From: Mehta, Bhavesh  
 Sent: January 17, 2001 5:46 PM  
 To: STIC-EIC2700  
 Subject: RE: Litigation Search

Please provide the litigation search for the following:  
~~09/666012 which is Division of 09/244037 which is a reissue of 08/240521 (US 5600672)~~  
~~09/443250 which is a reissue of 08/430143 (US 5687174)~~  
~~09/174811 which is a reissue of 07/927334 (US 5680157)~~

Thank you  
 Bhavesh Mehta

## STAFF USE ONLY

## Type of Search

## Vendors and cost where applicable

Searcher: Karen R. Heilig NA Sequence (#) \_\_\_\_\_ STN \_\_\_\_\_  
 Searcher Phone #: (703) 268-7831 AA Sequence (#) Dialog 2 min \$11.24  
 Searcher Location: PK2-4041 Structure (#) Questel/Orbit 3 min \$18.00  
 Date Searcher Picked Up: 1-18-00 Bibliographic \_\_\_\_\_ Dr. Link \_\_\_\_\_  
 Date Completed: 1-19-00 Litigation X Lexis/Nexis 3 min  
 Searcher Prep & Review Time: 8 Fulltext \_\_\_\_\_ Sequence Systems \_\_\_\_\_  
 Clerical Prep Time: \_\_\_\_\_ Patent Family \_\_\_\_\_ WWW/Internet \_\_\_\_\_  
 Online Time: 7 Other \_\_\_\_\_ Other (specify) \_\_\_\_\_

5,687,174

<=2> GET 1st DRAWING SHEET OF 9

Nov. 11, 1997

Network link endpoint capability detection

REISSUE: Reissue Application filed Nov. 12, 1999 (O.G. Nov. 21, 2000) Ex. Gp.:  
2732; Re. S.N. 09/443,250

CERTCORR: Jan. 10, 1998 a Certificate of Correction was issued for this patent

CORE TERMS: hub, node, formatted, isochronous, circuitry, endpoint, protocol,  
frame structure, packet, ethernet...

LEXIS-NEXIS

Library: PATENT

File: ALL

5687174 OR 5,687,174

Your search request has found no CASES.

To edit the above request, use the arrow keys. Be sure to move the cursor to the end of the request before you enter it.

To enter a new search request, type it and press the ENTER key.

What you enter will be Search Level 1.

For further explanation, press the H key (for HELP) and then the ENTER key.

LEXIS-NEXIS  
Library: PATENT  
File: CASES

5687174 OR 5,687,174

Your search request has found no ITEMS.

To edit the above request, use the arrow keys. Be sure to move the cursor to the end of the request before you enter it.

To enter a new search request, type it and press the ENTER key.

What you enter will be Search Level 1.

For further explanation, press the H key (for HELP) and then the ENTER key.

LEXIS-NEXIS  
Library: PATENT  
File: JNLS

us5687174/pn

LGST	1
CRXX	1
LITA	0
PAST	2
** SS 1 : Results 4	

Search statement 2

?prt ssl max 1-4

1/4 LGST (1/1) - (C) LEGSTAT  
PN - US 5687174 [US5687174]  
AP - US 430143/95 19950426 [1995US-0430143]  
DT - US-P  
ACT - 19950426 US/AE-A  
APPLICATION DATA (PATENT)  
{US 430143/95 19950426 [1995US-0430143]}  
- 19971111 US/A  
PATENT  
- 19980210 US/CC  
CERTIFICATE OF CORRECTION  
- 19980821 US/AS02  
ASSIGNMENT OF ASSIGNOR'S INTEREST  
VERTICAL NETWORKS, INC. 2540 MISSION COLLEGE BOULEVARD SANTA CLARA,  
CALIFORNIA 9 \* NATIONAL SEMICONDUCTOR CORPORATION : 19980715  
- 19990311 US/AS06  
SECURITY INTEREST  
TRANSAMERICA BUSINESS CREDIT CORPORATION 9399 WEST HIGGINS ROAD, SUITE  
600 ROSEM \* VERTICAL NETWORKS INCORPORATED : 19990210  
- 20001121 US/RF  
REISSUE APPLICATION FILED  
19991112  
UP - 2000-47

2/4 CRXX (1/1) - (C) CLAIMS/RRX  
AN - 2906229  
PN - 5,687,174 A 19971111 [US5687174]  
PA - National Semiconductor Corp  
PT - E (Electrical)  
ACT - 19980821 REASSIGNED  
ASSIGNMENT OF ASSIGNOR'S INTEREST

Assignor: NATIONAL SEMICONDUCTOR CORPORATION DATE SIGNED: 07/15/1998

Assignee: VERTICAL NETWORKS, INC. 2540 MISSION COLLEGE BOULEVARD SANTA  
CLARA, CALIFORNIA 95054

Reel 009396/Frame 0689

Contact: ALAN R. LOUDERMILK SUITE B 10950 N. BLANEY AVE. CUPERTINO, CA  
95014

- 19990311 REASSIGNED  
SECURITY INTE T

Assignor: VERTICAL NETWORKS INCORPORATED DATE SIGNED: 02/10/1999

Assignee: TRANSAMERICA BUSINESS CREDIT CORPORATION 9399 WEST HIGGINS  
ROAD, SUITE 600 ROSEMONT, ILLINOIS 60018  
VENTURE BANKING GROUP, A DIVISION OF CUPERTINO NATIONAL BANKSUITE 150  
3 PALO ALTO SQUARE PALO ALTO, CALIFORNIA 94306

Reel 009808/Frame 0238

Contact: LEVY, SMALL & LALLAS SEBASTIAN CAMUA 815 MORAGA DRIVE LOS  
ANGELES, CA 90049

- 19991112 REISSUE REQUESTED  
Issue Date of O.G.: 20001121  
Reissue Request Number: 09/443250  
Examination Group responsible for Reissue process: 2732

UP - 1999-00  
UACT- 2000-11-21

3/4 PAST (1/2) - (C) PAST  
AN - 200047-001186  
PN - 5687174 A [US5687174]  
DT - A (UTILITY)  
OG - 2000-11-21  
CO - REA  
ACT - REISSUE APPLICATION FILED  
SH - REISSUE APPLICATION FILED

4/4 PAST (2/2) - (C) PAST  
AN - 199806-000180  
PN - 5687174 A [US5687174]  
DT - A (UTILITY)  
OG - 1998-02-10  
CO - COR  
ACT - CERTIFICATE OF CORRECTION  
SH - CERTIFICATE OF CORRECTION

Search statement 2

S1 1 PN="US 87174"  
?t s1/9/all

1/9/1  
DIALOG(R) File 345:Inpadoc/Fam.& Legal Stat  
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11753659

Basic Patent (No,Kind,Date): EP 596648 A1 19940511 <No. of Patents: 005>

PATENT FAMILY:

EUROPEAN PATENT OFFICE (EP)

Patent (No,Kind,Date): EP 596648 A1 19940511  
NETWORK LINK ENDPOINT CAPABILITY DETECTION. (English; French; German)  
Patent Assignee: NAT SEMICONDUCTOR CORP (US)  
Author (Inventor): EDEM BRIAN C (US); WORSLEY DEBRA J (US)  
Priority (No,Kind,Date): US 971018 A 19921102  
Applic (No,Kind,Date): EP 93308568 A 19931027  
Designated States: (National) DE; FR; GB; IT; NL  
IPC: \* H04L-012/44; H04L-012/64; H04L-029/06  
Derwent WPI Acc No: \* G 94-153018; G 97-051465; G 97-212409; G  
94-153018  
Language of Document: English

EUROPEAN PATENT OFFICE (EP)

Legal Status (No,Type,Date,Code,Text):

EP 596648	P	19921102	EP AA	PRIORITY (PATENT APPLICATION)	(PRIORITAET (PATENTANMELDUNG))
				US 971018 A 19921102	
EP 596648	P	19931027	EP AE	EP-APPLICATION	(EUROPAEISCHE ANMELDUNG)
				EP 93308568 A 19931027	
EP 596648	P	19940511	EP AK	DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT:	(IN EINER ANMELDUNG BENANNT VERTRAGSSTAATEN)
				DE FR GB IT NL	
EP 596648	P	19940511	EP A1	PUBLICATION OF APPLICATION WITH SEARCH REPORT	(VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)
EP 596648	P	19950104	EP 17P	REQUEST FOR EXAMINATION FILED	(PRUEFUNGSANTRAG GESTELLT)
				941109	
EP 596648	P	19970122	EP 17Q	FIRST EXAMINATION REPORT	(ERSTER PRUEFUNGSBESCHIED)
				961211	
EP 596648	P	19971217	EP 18D	DEEMED TO BE WITHDRAWN	(ALS ZURUECKGENOMMEN GELTEN)
				970624	

JAPAN (JP)

Patent (No,Kind,Date): JP 7007517 A2 19950110  
DETECTION OF PERFORMANCE OF END POINT OF NETWORK LINK (English)  
Patent Assignee: NAT SEMICONDUCTOR CORP  
Author (Inventor): BURAIAN SHII EDEMU; DEBURA JIEI WAASURII  
Priority (No,Kind,Date): US 971018 A 19921102  
Applic (No,Kind,Date): JP 93274147 A 19931102  
IPC: \* H04L-012/40; H04L-012/42  
Derwent WPI Acc No: \* G 94-153018  
Language of Document: Japanese

UNITED STATES OF AMERICA (US)

Patent (No,Kind,Date): US 5586117 A 19961217  
METHOD AND APPARATUS WHICH ALLOWS DEVICES WITH MULTIPLE PROTOCOL CAPABILITIES TO CONFIGURE TO A COMMON PROTOCOL CONFIGURATION (English)  
Patent Assignee: NAT SEMICONDUCTOR CORP (US)

Author (Inventor): EDEM BRIAN C (US); KOLA SRINIVAS (US)  
 Priority (No,Kind,Date): US 262769 A 19940620; US 146729 A2 19931101; US 971018 B2 19921102  
 Applic (No,Kind,Date): US 262769 A 19940620  
 National Class: \* 370466000; 370447000; 370462000  
 IPC: \* H04B-001/38  
 Derwent WPI Acc No: \* G 94-153018; G 97-051465; G 97-212409; G 97-051465  
 Language of Document: English  
 Patent (No,Kind,Date): US 5617418 A 19970401  
 NETWORK LINK DETECTION AND GENERATION (English)  
 Patent Assignee: NAT SEMICONDUCTOR CORP (US)  
 Author (Inventor): SHIRANI RAMIN (US); EDEM BRIAN C (US)  
 Priority (No,Kind,Date): US 146729 A 19931101; US 971018 B2 19921102  
 Applic (No,Kind,Date): US 146729 A 19931101  
 National Class: \* 370465000; 370410000; 370402000  
 IPC: \* H04Q-001/30  
 Derwent WPI Acc No: \* G 94-153018; G 97-051465; G 97-212409; G 97-212409  
 Language of Document: English  
 Patent (No,Kind,Date): US 5687174 A 19971111  
 NETWORK LINK ENDPOINT CAPABILITY DETECTION (English)  
 Patent Assignee: NAT SEMICONDUCTOR CORP (US)  
 Author (Inventor): EDEM BRIAN C (US); WORSLEY DEBRA J (US)  
 Priority (No,Kind,Date): US 430143 A 19950426; US 971018 B1 19921102  
 Applic (No,Kind,Date): US 430143 A 19950426  
 National Class: \* 370446000; 370453000; 370465000; 370522000  
 IPC: \* H04L-012/44  
 Derwent WPI Acc No: \* G 94-153018; G 97-051465; G 97-212409  
 Language of Document: English

UNITED STATES OF AMERICA (US)

Legal Status (No,Type,Date,Code,Text):

US 5586117	P	19921102	US AA	PRIORITY
			US 971018 B2	19921102
US 5586117	P	19931101	US AA	PRIORITY
			US 146729 A2	19931101
US 5586117	P	19940620	US AE	APPLICATION DATA (PATENT)
			(APPL. DATA (PATENT))	
			US 262769 A	19940620
US 5586117	P	19940923	US AS02	ASSIGNMENT OF ASSIGNOR'S INTEREST
			NATIONAL SEMICONDUCTOR CORPORATION 2900	
			SEMICONDUCTOR DRIVE SANTA CLARA, CA 950 ;	
			EDEM, BRIAN C. : 19940916; KOLA, SRINIVAS :	
			19940916	
US 5586117	P	19961217	US A	PATENT
US 5617418	P	19921102	US AA	PRIORITY
			US 971018 B2	19921102
US 5617418	P	19931101	US AE	APPLICATION DATA (PATENT)
			(APPL. DATA (PATENT))	
			US 146729 A	19931101
US 5617418	P	19940201	US AS02	ASSIGNMENT OF ASSIGNOR'S INTEREST
			NATIONAL SEMICONDUCTOR CORPORATION 2900	
			SEMICONDUCTOR DRIVE SANTA CLARA, CA 943 ;	
			SHIRANI, RAMIN : 19940105; EDEM, BRIAN C. :	
			19931222	
US 5617418	P	19951106	US AS02	ASSIGNMENT OF ASSIGNOR'S INTEREST
			NATIONAL SEMICONDUCTOR CORPORATION 2900	
			SEMICONDUCTOR DRIVE SANTA CLARA, CALIFOR ;	
			SHIRANI, RAMIN : 19931222	
US 5617418	P	19970401	US A	PATENT
US 5617418	P	19980821	US AS02	ASSIGNMENT OF ASSIGNOR'S INTEREST

			VERTICAL NETWORKS, INC. 2540 MISSION COLLEGE BOULEVARD SANTA CLARA, CALIFORNIA 9 ; NATIONAL SEMICONDUCTOR CORPORATION : 19980715
US 5617418	P	19990311	US AS06 SECURITY INTEREST TRANSAMERICA BUSINESS CREDIT CORPORATION 9399 WEST HIGGINS ROAD, SUITE 600 ROSEM ; VERTICAL NETWORKS INCORPORATED : 19990210
US 5617418	P	19990511	US RF REISSUE APPLICATION FILED (REISSUE APPL. FILED) 19990401
US 5687174	P	19921102	US AA PRIORITY US 971018 B1 19921102
US 5687174	P	19950426	US AE APPLICATION DATA (PATENT) (APPL. DATA (PATENT)) US 430143 A 19950426
US 5687174	P	19971111	US A PATENT
US 5687174	P	19980210	US CC CERTIFICATE OF CORRECTION
US 5687174	P	19980821	US AS02 ASSIGNMENT OF ASSIGNOR'S INTEREST VERTICAL NETWORKS, INC. 2540 MISSION COLLEGE BOULEVARD SANTA CLARA, CALIFORNIA 9 ; NATIONAL SEMICONDUCTOR CORPORATION : 19980715
US 5687174	P	19990311	US AS06 SECURITY INTEREST TRANSAMERICA BUSINESS CREDIT CORPORATION 9399 WEST HIGGINS ROAD, SUITE 600 ROSEM ; VERTICAL NETWORKS INCORPORATED : 19990210
US 5687174	P	20001121	US RF REISSUE APPLICATION FILED (REISSUE APPL. FILED) 19991112

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